

Claims

1. A steering pivot comprising a pivot pin providing an integrally formed radially inner race defining a circumferentially extending inner raceway, and a cage retaining therein at spaced locations rolling elements which contact the inner raceway, the cage being retained relative to the pivot pin by means of a clip connection.
2. A steering pivot as claimed in claim 1 wherein there is also provided an outer race which defines a circumferentially extending outer raceway which engages the rolling elements.
3. A steering pivot as claimed in claim 1 or claim 2 wherein the rolling elements are tapered rollers and the inner and outer raceways are part-conical.
4. A steering pivot as claimed in any one of claims 1 to 3 wherein the clip connection is constituted by resilient radially inward projections provided at spaced locations around the large end of the cage.
5. A steering pivot as claimed in claim 4 wherein the projections are received in a circumferential groove in the large outside diameter of the inner race.
6. A steering pivot as claimed in claim 5 wherein the large axial end of the inner raceway has a circumferential rib against which the rolling elements engage and the circumferential groove is provided immediately axially behind the rib.

7. A steering pivot as claimed in claim 6 wherein a seal element is provided behind the circumferential groove.
8. A steering pivot as claimed in any one of claims 1 to 7 wherein the pivot pin has a flange at its end remote from the narrow end of the inner race, the flange having a number of holes for facilitating attachment to a support arm.
9. A steering pivot as claimed in any one of claims 1 to 8 wherein the pivot pin has an axial extension beyond the narrow end of the inner race, the axial extension being adapted to receive a sensor.
10. A steering pivot as claimed in claim 9 wherein said axial extension has an axial groove for receiving a sensor: